

Title (en)

ROTARY VIBRATION DAMPING ARRANGEMENT FOR THE DRIVETRAIN OF A MOTOR VEHICLE

Title (de)

DREHSCHWINGUNGSDÄMPFUNGSANORDNUNG FÜR DEN ANTRIEBSSTRANG EINES KRAFTFAHRZEUGS

Title (fr)

ARRANGEMENT D'AMORTISSEMENT DES VIBRATIONS TORSIONNELLES POUR LA CHAÎNE CINÉMATIQUE D'UN VÉHICULE AUTOMOBILE

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Application

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Abstract (en)

[origin: WO2015010839A1] Exemplary embodiments relate to a rotary vibration damping arrangement (100) for the drivetrain of a motor vehicle. The rotary vibration damping arrangement (100) comprises an input region (16), for being driven in rotation about a first axis of rotation (A), and an output region (40); a first torque transmission path (18-1) running from the input region (16) to the output region (40); a second torque transmission path (18-2) running from the input region (16) to the output region (40); and a coupling arrangement (20; 30) which is connected to the output region (40) and which serves for the superposition of torques which are conducted via the torque transmission paths (18-1; 18-2), wherein the coupling arrangement (20; 30) comprises a planetary gear set (30) with a planet gear (34) which is rotatable about a second axis of rotation (B). The rotary vibration damping arrangement (100) is characterized in that the first and second axes of rotation (A; B) run obliquely with respect to one another.

IPC 8 full level

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See references of WO 2015010839A1

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